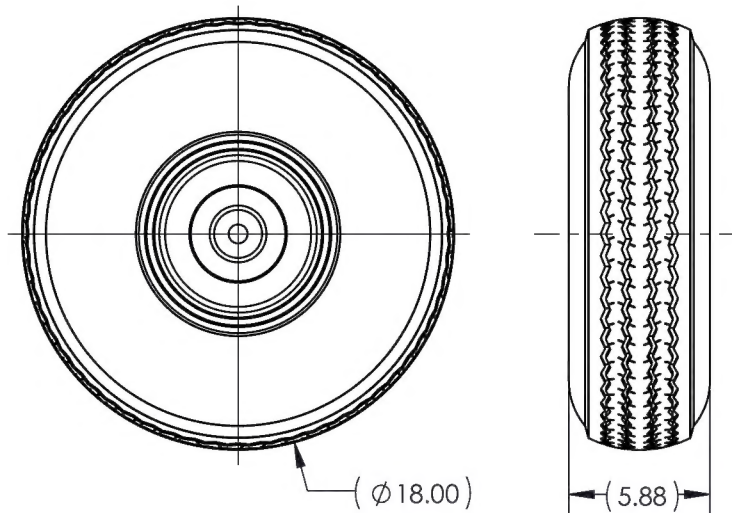
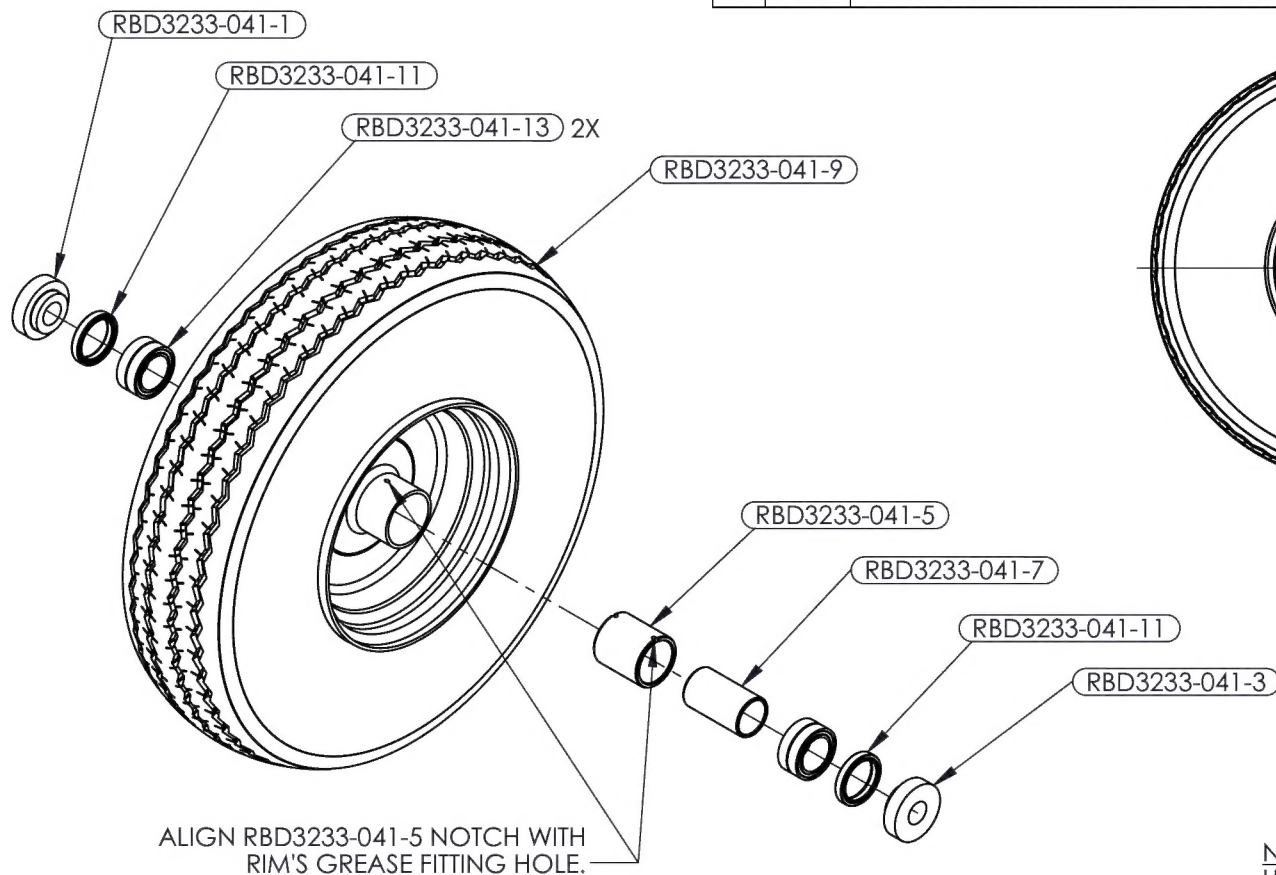


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
C		UPDATE TO NEW DRAFTING STANDARD	4/16/2012	JAG	
2	16-0039	UPDATED TO NEW DRAFTING STANDARDS. RBD3233-041-5 ADD DIM 2X FULL R.	2/15/2016	SM	JAG



WHEEL SPECIFICATIONS		
SIZE	MAX. LOAD	MAX. INFLATION PRESSURE
TIRE: 19.0 x 5.8 RIM: 5.70 x 8.0	910 lbs. (RANGE C)	90 psi*

* MANUFACTURER'S RECOMENDATIONS ARE 75 PSI FOR HIGH SPEED USE.

NOTE:
USED ON BELL MODELS 204, 205, 212, 214, 412, UH1, 222, 230, & AH1

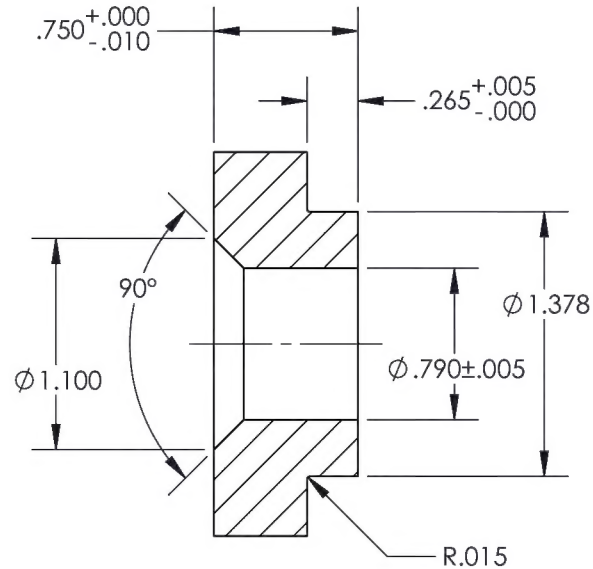
UNDER REVIEW
URF 19-1099 19.10.30 (VM)

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			RBD3233-041-1	1	INSIDE WASHER	1018/1020 CR		2
			RBD3233-041-3	1	OUTSIDE WASHER	1018/1020 CR		3
			RBD3233-041-5	1	HUB SLEEVE	1018/1020 CR		4
			RBD3233-041-7	1	SHAFT SLEEVE	1018/1020 CR		5
		B/O	RBD3233-041-9	1	TIRE & WHEEL ASSY		MCMASTER-CARR # 8353T88	1
		B/O	RBD3233-041-11	2	BEARING SEAL		TCM 35X45X7TC	1
		B/O	RBD3233-041-13	2	ROLLER BEARING		NKI 30/20	1

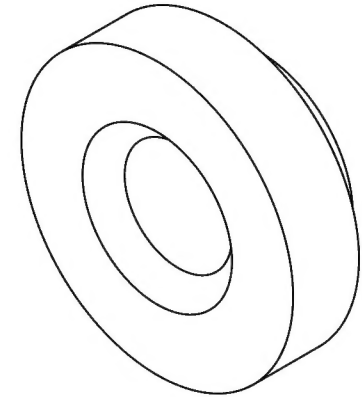
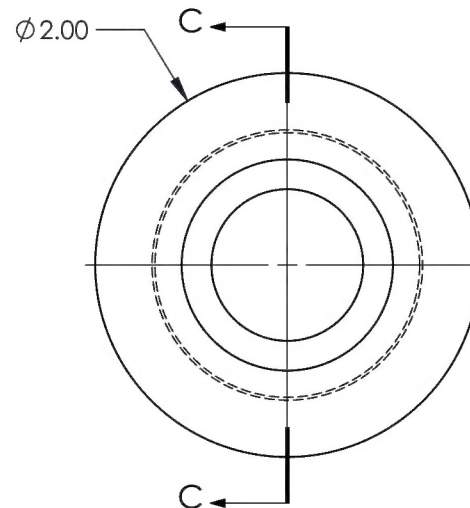
DART AEROSPACE																									
TITLE GROUND HANDLING WHEELS																									
DWG NO. RBD412-729-011 RBD3233-041	REV 2																								
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td></td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: GILBERT</td> <td>2. DIMENSIONAL LIMITS APPLY</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>AFTER PLATING</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>3. INTERPRET DIM AND TOL PER</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>ASME Y14.5M-2009</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>USED ON MODEL</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8		.XX ± .01 ANGLES ± 5°		.X ± .1 SURFACES = 125	SPEC	1. BREAK ALL SHARP EDGES		.015 x 45° OR .015R	DRAWN BY: GILBERT	2. DIMENSIONAL LIMITS APPLY	CHECKED: CLOUGH	AFTER PLATING	OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER	QA APPR: LINDSAY	ASME Y14.5M-2009	APPROVED: GILBERT	USED ON MODEL
MAT'L	UNLESS OTHERWISE SPECIFIED																								
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CHECKED: CLOUGH	AFTER PLATING																								
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER																								
QA APPR: LINDSAY	ASME Y14.5M-2009																								
APPROVED: GILBERT	USED ON MODEL																								
SCALE 1:8	DATE 3/16/2012																								
SHEET 1 OF 5																									

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION C-C



UNDER REVIEW
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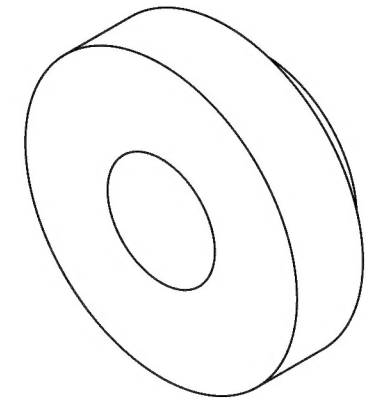
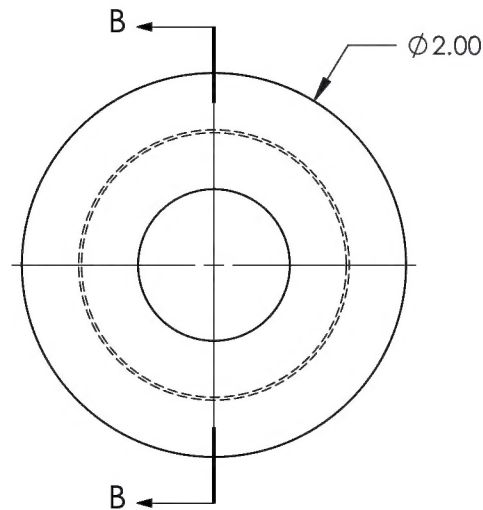
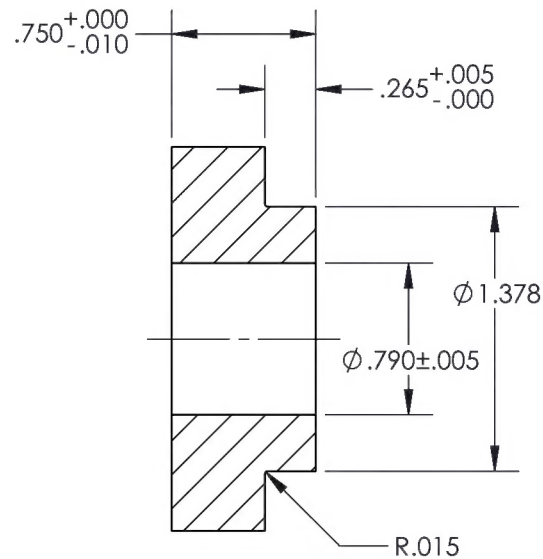
(RBD3233-041-1)

INSIDE WASHER

DART AEROSPACE	
TITLE GROUND HANDLING WHEELS	
DWG NO. RBD412-729-011 RBD3233-041-1	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 3/16/2012
SHEET 2 OF 5	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



UNDER REVIEW
URF 19-1099 19.10.30 (VM)

SECTION B-B

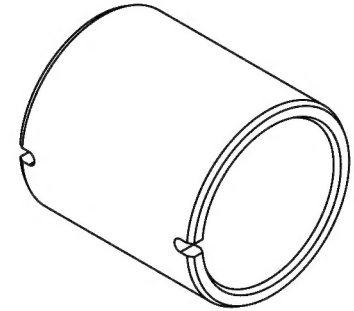
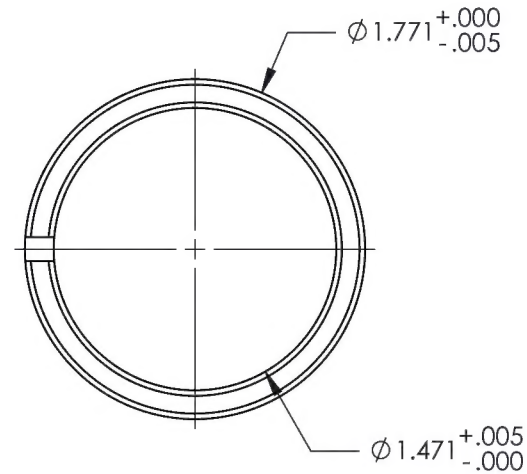
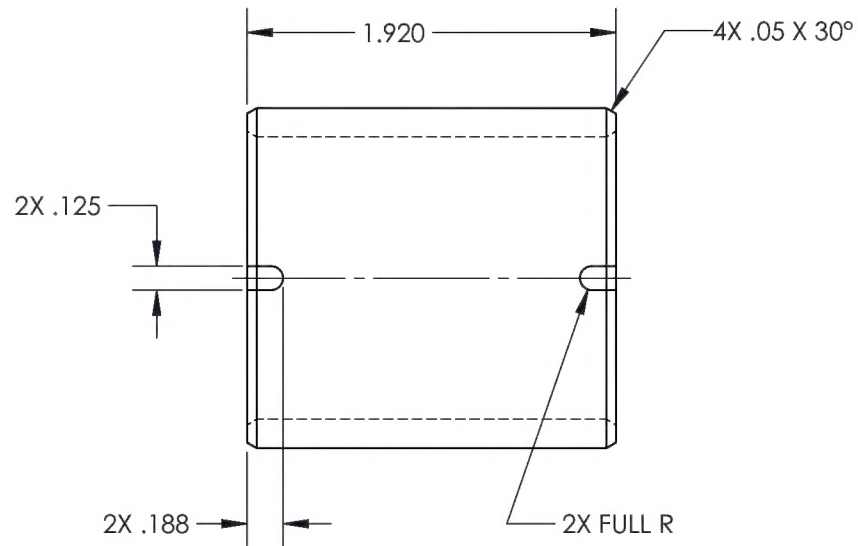
RBD3233-041-3

OUTSIDE WASHER

DART AEROSPACE	
TITLE GROUND HANDLING WHEELS	
DWG NO. RBD412-729-011 RBD3233-041-3	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .01 ANGLES ± 5°
SPEC FED #13538	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	
SCALE 1:1	DATE 3/16/2012 SHEET 3 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0039	RBD3233-041-5 ADD DIM 2X FULL R.	2/15/2016	SM	JAG



UNDER REVIEW
URF 19-1099 19.10.30 (VM)

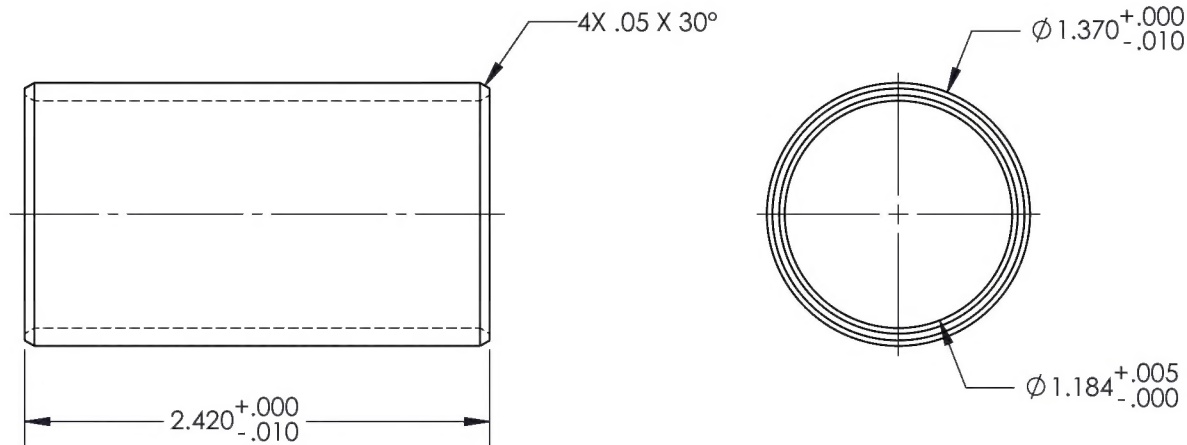
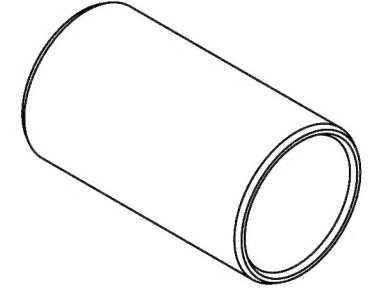
RBD3233-041-5

HUB SLEEVE

DART AEROSPACE	
TITLE GROUND HANDLING WHEELS	
DWG NO. RBD412-729-011 RBD3233-041-5	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SEE NOTE 1 SHT 1
SCALE 1:1	DATE 3/16/2012
SHEET 4 OF 5	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



UNDER REVIEW
URF 19-1099 19.10.30 (VM)

RBD3233-041-7

SHAFT SLEEVE

DART AEROSPACE	
TITLE GROUND HANDLING WHEELS	
DWG NO. RBD412-729-011 RBD3233-041-7	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/16/2012	USED ON MODEL
SHEET 5 OF 5	SEE NOTE 1 SHT 1